FIG.1
BACKGROUND ART

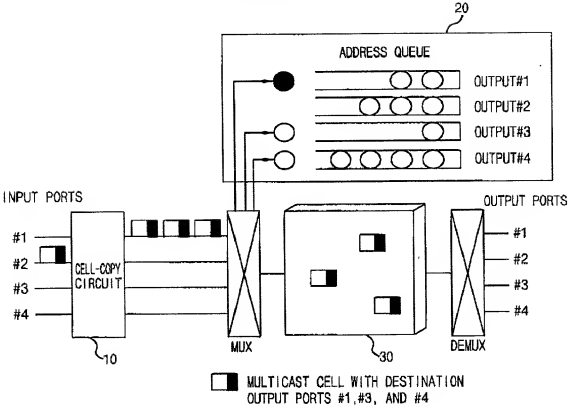


FIG.2
BACKGROUND ART

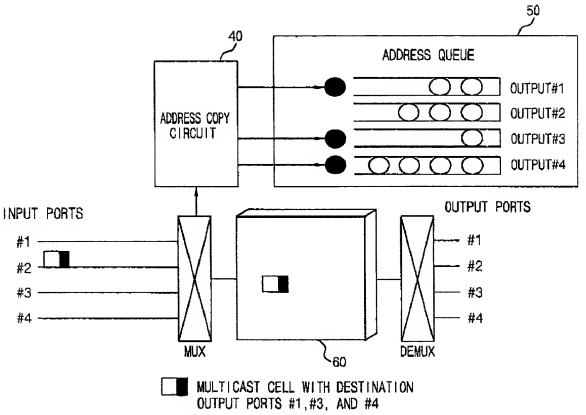
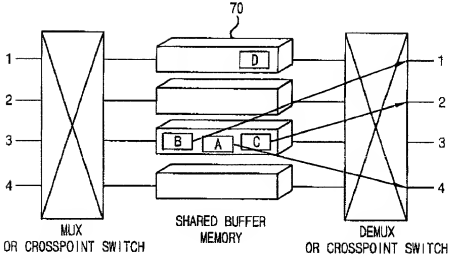


FIG.3

BACKGROUND ART



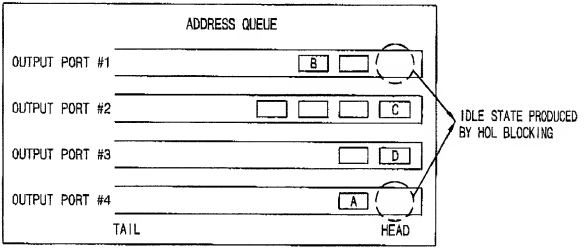


FIG.4

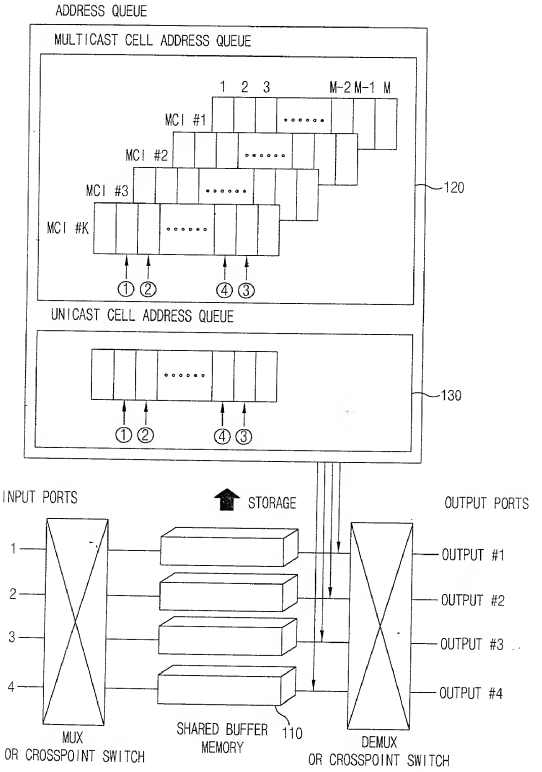


FIG.5

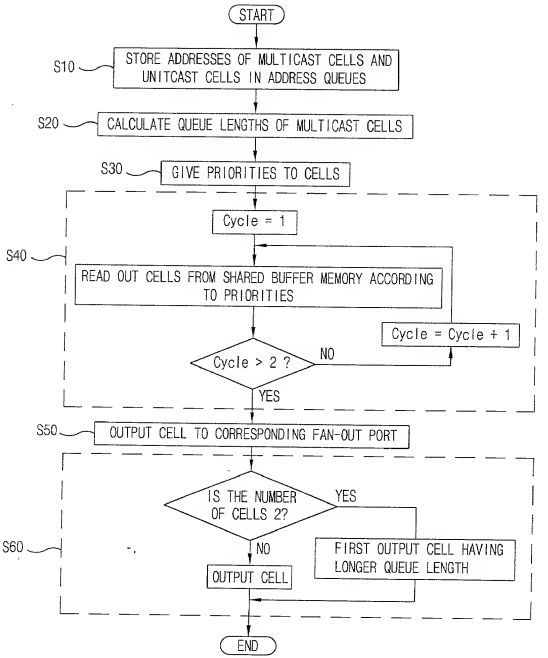


FIG.6

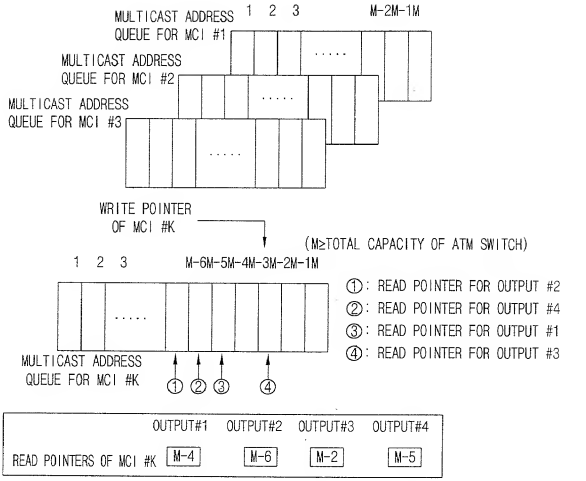
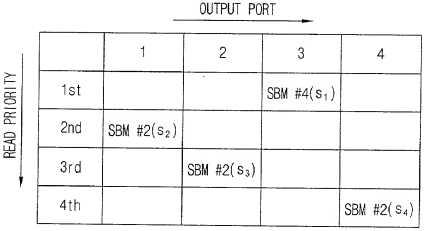


FIG.7A

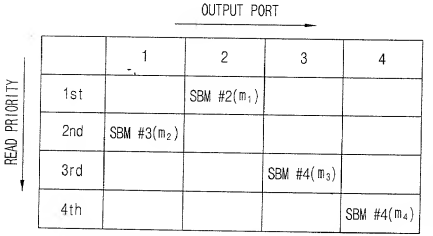
	OUTPUT #1	OUTPUT #2	OUTPUT #3	OUTPUT #4
MCI #1 ADDRESS QUEUE	89	88	(90)	(84)
MCI #2 ADDRESS QUEUE	(91)	(95)	80	83
MAXIMUM QUEUE LENGTH	91	95	90	84
PRIORITY	2	1	3	4

FIG.7B



OUTPUT PORT & READ PRIORITY OF UNICAST CELL(s)

FIG.7C



QUEUE LENGTH OF m1 : 95
QUEUE LENGTH OF m2 : 91
QUEUE LENGTH OF m3 : 90
QUEUE LENGTH OF m4 : 84

OUTPUT PORT & READ PRIORITY OF MULTICAST CELL(m)

FIG.8